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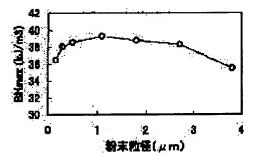
HAGINO TAKATSUGU

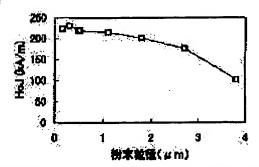
(54) W-TYPE FERRITE PLASTIC MAGNET

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a W-type ferrite plastic magnet, which uses a W-type ferrite powder having high magnetic characteristics and has superior magnetic characteristics not obtained from the conventional M-type ferrite.

SOLUTION: This W-type ferrite plastic magnet is made by kneading and molding a W-type ferrite powder, having a compsn. AO.n(BO).mFe2O3 and a mean powder grain size of 0.3–3 μ m with a thermoplastic resin 6–25% of a molding mass, where A is one or more of Ba, Sr, Ca and Pb, B is one or more of Co, Ni, Mn, Mg, Cr, Cu and Zn, $7.4 \le m \le 8.8$, $1.2 \le n \le 2.5$, and $8.8 \le m+n \le 10.8$.





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